

**FTA-COATED MEDIA FOR USE AS A
MOLECULAR DIAGNOSTIC TOOL**

ABSTRACT

There is provided a substrate for lysing cells and purifying nucleic acid having a matrix and a coating and an integrity maintainer for maintaining the purified nucleic acid. Also provided is a method of purifying nucleic acid by applying a nucleic acid sample to a substrate having an anionic detergent affixed to a matrix, the substrate physically capturing the nucleic acid, bonding the nucleic acid to a substrate and generating a signal when the nucleic acid bonds to the substrate indicating the presence of the nucleic acid. A kit for purifying nucleic acid containing a coated matrix and an integrity maintenance provider for preserving the matrix and purifying nucleic acid is also provided.